

Converting Colors

Yxy(61.2378, 0.3260, 0.3527)

Have a look what the booklet for
Yxy(61.2378, 0.3260, 0.3527)
contains.

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Color

Yxy(61.3353, 0.3262, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	CECFBB
RGB	206, 207, 187
RGB Percent	81%, 81%, 73%
CMY	0.1921, 0.1883, 0.2666
CMYK	0.00, 0.00, 0.10, 0.19
HSL	63°, 17%, 77%
HSV	63°, 10%, 81%
XYZ	56.7430, 61.3353, 55.8732
YIQ	204.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

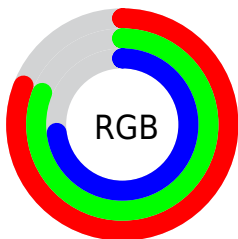
Format	Color
RYB	187, 207, 188
Decimal	13553595
CIELab	82.56, -3.81, 9.81
CIELCh	83, 10.523, 111.226
Yxy	61.3353, 0.3262, 0.3526
Android (android.graphics.Color)	4291743675 (0xFFCECFBB)
YUV	204.4210, -8.5886, 1.3848
Hunter-Lab	78.3169, -7.7257, 12.5228

Details

The Yxy color **61.3353, 0.3262, 0.3526** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7449, 0.2985, 0.3044**, and the grayscale version is **60.7208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **31.1791, 0.3297, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **60.3708, 0.3405, 0.3778**, and if you desaturate by 10%, it is **62.4339, 0.3122, 0.3282**.

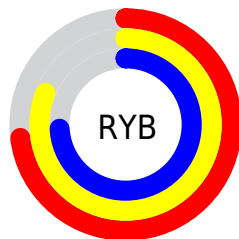
Distribution



Red (81%)

Green (81%)

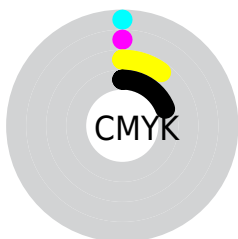
Blue (73%)



Red (73%)

Yellow (81%)

Blue (74%)

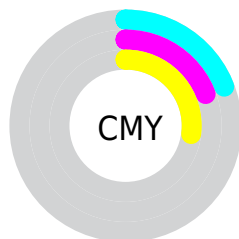


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (19%)

Magenta (19%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3353, 0.3262, 0.3526 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 61.3353, 0.3262, 0.3526 by changing the saturation by 10% instead.

■ 61.3353, 0.3262,
0.3526

■ 61.3353, 0.3262,
0.3526

429.5023, 0.3198,
0.3413

■ 44.4958, 0.3277,
0.3553

■ 106.7643, 0.3240,
0.3486

■ 31.0605, 0.3296,
0.3587

136.1226, 0.3231,
0.3470

■ 20.6449, 0.3320,
0.3631

170.4226, 0.3223,
0.3457

■ 12.8647, 0.3352,
0.3691

210.0487, 0.3217,
0.3446

■ 7.3354, 0.3396,
0.3775

255.3854, 0.3211,
0.3436

■ 3.6728, 0.3462,
0.3905

306.8169, 0.3206,

■ 1.4922, 0.3574,

0.3427

0.4133

364.7278, 0.3202,
0.3419

0.2833, 0.3835,
0.6165

0.0000, 0.0000,
0.0000

61.3353, 0.3262,
0.3526

61.3353, 0.3262,
0.3526

60.3708, 0.3405,
0.3778

62.4339, 0.3122,
0.3282

59.5269, 0.3547,
0.4031

63.6636, 0.2989,
0.3050

58.8005, 0.3683,
0.4276

65.0320, 0.2863,
0.2833

58.1851, 0.3808,
0.4505

65.5520, 0.2834,
0.2775

■ 57.6741, 0.3915,
0.4706

■ 65.7000, 0.2841,
0.2776

■ 57.2595, 0.4001,
0.4872

■ 65.8489, 0.2848,
0.2777

■ 56.9327, 0.4061,
0.4996

■ 65.9988, 0.2854,
0.2778

■ 56.6834, 0.4095,
0.5075

■ 66.1496, 0.2861,
0.2779

■ 56.4932, 0.4108,
0.5119

■ 66.3013, 0.2868,
0.2780

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.3353, 0.3359, 0.3494



61.3353, 0.3262, 0.3526



61.3353, 0.3131, 0.3492

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.3353, 0.3262, 0.3526



61.3353, 0.2869, 0.3163



61.3353, 0.3253, 0.3183

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61.3353, 0.3262, 0.3526



50.7449, 0.2985, 0.3044

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.3353, 0.3119, 0.3099



61.3353, 0.3262, 0.3526



61.3353, 0.2900, 0.3086

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.3353, 0.3262, 0.3526



61.3353, 0.2906, 0.3279



61.3353, 0.2990, 0.3063



61.3353, 0.3354, 0.3295

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.3353, 0.3262, 0.3526



61.3353, 0.3042, 0.3436



61.3353, 0.2990, 0.3063



61.3353, 0.3210, 0.3150

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61.3380, 0.3262, 0.3526



99.4467, 0.3169, 0.3363



52.6867, 0.3294, 0.3299



21.2547, 0.3180, 0.3383



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.3380, 0.3262, 0.3526



97.9029, 0.3297, 0.3588



59.9942, 0.3187, 0.3531



13.7672, 0.3259, 0.3520



35.6031, 0.4109, 0.5119



1.9999, 0.4126, 0.5106

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.7449, 0.2985, 0.3044



76.8968, 0.2946, 0.2975



52.0162, 0.3063, 0.3050



11.4447, 0.2989, 0.3050



2.8911, 0.1517, 0.0609



0.1715, 0.1571, 0.0639

Previews

White Background



This preview shows how the Yxy color 61.3353, 0.3262, 0.3526 looks on a white background.

Color Contrast Check

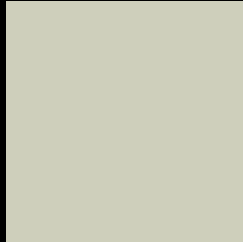
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 61.3353, 0.3262, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

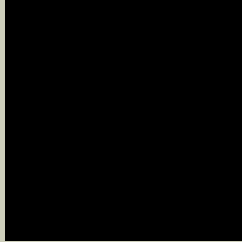
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

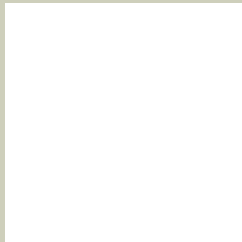
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3353, 0.3262, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 61.3353, 0.3262, 0.3526.



This preview shows how white text looks on a background with the Yxy color 61.3353, 0.3262, 0.3526.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

61.3353, 0.3262, 0.3526

Protanopia

61.5040, 0.3335, 0.3511

Deuteranopia

61.0512, 0.3462, 0.3391



Tritanopia

61.1519, 0.3082, 0.3108

Trichromacy



Original Color

61.3353, 0.3262, 0.3526

Protanomaly

61.5367, 0.3310, 0.3524

Deuteranomaly

60.9337, 0.3391, 0.3439

Tritanomaly

61.2460, 0.3144, 0.3255

Monochromacy



Original Color

61.3353, 0.3262, 0.3526

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.7190, 0.3177, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3353, 0.3262, 0.3526 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(206, 207, 187)` looks like.

```
.text, #text, p{  
    color:rgb(206, 207, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(206, 207, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 207, 187) }
```

Border

The CSS property to change the border of an element to Yxy 61.3353, 0.3262, 0.3526 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 207, 187) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(206, 207, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(206, 207, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 207, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 207, 187);  
box-shadow:4px 4px 4px 4px rgb(206, 207,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3353, 0.3262, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 207, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(206,  
207, 187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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